PCI/DK2004/000617 A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01J2/04 B01D B01D1/18 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) B01J B01D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 5 085 847 A (KURTZ WILLIAM L ET AL) 1-31 4 February 1992 (1992-02-04) Υ column 3, line 56 - column 4, line 55; 8,9,12, figure 2 13,20,28 PATENT ABSTRACTS OF JAPAN 8,9,12, vol. 0050, no. 79 (C-056), 13,20,28 23 May 1981 (1981-05-23) & JP 56 026501 A (CHUO KAKOKI KK), 14 March 1981 (1981-03-14) abstract DE 33 18 652 A (FRAUNHOFER GES FORSCHUNG) Υ 8,9,28 22 November 1984 (1984-11-22) figures 3.4 X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: 'T' later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. O document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed *8* document member of the same patent family Date of the actual completion of the international search Date of malling of the international search report 7 January 2005 25/01/2005 Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Authorized officer Fax: (+31-70) 340-3016 Gruber, M

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INTERNATIONAL SEARCH REPORT

in tional Application No PCI/DK2004/000617

.(Continua	tion) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
disgo.,	GB 2 088 274 A (NL INDUSTRIES INC) 9 June 1982 (1982-06-09) the whole document	8,9,28
A	US 4 490 403 A (KRAG JENS ET AL) 25 December 1984 (1984-12-25) column 8, lines 13-28; figure	1-31
A	US 4 871 489 A (KETCHAM THOMAS D) 3 October 1989 (1989-10-03) cited in the application the whole document	
-		
, · · · · · · · · · · · · · · · · · · ·		
		-

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT information on patent family members

tional Application No

Patent document cited in search report				PCT/DK2004/000617			
		Publication date	Patent family member(s)			Publication date	
US	5085847	Α	04-02-1992	AU	632581	B2	07-01-1993
				ΑU	5658190		18-12-1990
				BR	9007371		03-03-1992
				CA	2053857	' A1	19-11-1990
				CN	1047265	A .B	28-11-1990
				DE	69020348	D1	27-07-1995
	•			DE	69020348	T2	08-02-1996
	•	٠.		EP	0473644		11-03-1992
				ES	2075207		01-10-1995
				JP	2637283		06-08-1997
				JP	5500039		14-01-1993
				KR	9707940		19-05-1997
				MX	164339	В	04-08-1992
				WO	9014143	A1	29-11-1990
				US	5149398 	Α	22-09-1992
JP	56026501	Α	14-03-1981	NONE			
DE	3318652	A	22-11-1984	DE	3318652	A1	22-11-1984
GB	2088274	Α	09-06-1982	BE	890897	<u>Δ1</u>	15-02-1982
				DE	3142795	ΔΊ	08-07-1982
				NO	813647		30-04-1982
IIS	4490403	Α	25-12-1984				
•	1150405	^	25-12-1984	DK	267082		15-12-1983
				DE	3366653	D1	13-11-1986
				EP-	0097484	A1	04-01-1984
US	4871489	Α	03-10-1989	AT	78714	 Т	15-08-1992
				CA	1322639		05-10-1993
				DE	3780771	D1	03-09-1992
				DE	3780771	T2	04-03-1993
				ΕP	0269215	A1	01-06-1988
				JP	2627905	B2	09-07-1997
				JP	63158154	Α	01-07-1988
				NO	874187	Α	08-04-1988